

**Commonwealth of Kentucky
Environmental and Public Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382**

AIR QUALITY PERMIT
Issued under 401 KAR 52:030

Draft

Permittee Name: Southern Graphic Systems, Inc.
Mailing Address: 7425 Empire Drive, Florence, KY 41042

Source Name: same as above
Mailing Address: same as above

Source Location: same as above

Permit Number: F-05-025 Rev. 1
Source A. I. #: 212
Activity I.D. #: APE20050001
Review Type: Operating, Conditional Major
Source I.D. #: 21-015-00077
SIC Code:

Regional Office: Florence Regional Office
8020 Veterans Memorial Drive, Suite 110
Florence, KY 41042
(859) 525-4923

County: Boone

Application
Complete Date: June 14, 2005
Issuance Date:
Expiration Date:

John S. Lyons, Director
Division for Air Quality

TABLE OF CONTENTS

SECTION	DATE OF ISSUANCE	PAGE
A. PERMIT AUTHORIZATION		1
B. EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS		2
C. INSIGNIFICANT ACTIVITIES		16
D. SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS		17
E. SOURCE CONTROL EQUIPMENT OPERATING REQUIREMENTS		18
F. MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS		19
G. GENERAL PROVISIONS		22
H. ALTERNATE OPERATING SCENARIOS		28
I. COMPLIANCE SCHEDULE		28

Rev #	Permit type	Activity #	Complete Date	Issuance Date	Summary of Action
----	Initial Issuance	APE 2005 0001	6/14/05	N/A	Draft Issued Only 6/21/05
1	Significant revision	APE 2005 0001	6/14/05		Addition of alternative compliance demonstration method (monitoring & recordkeeping) for 40 CFR 63, Subpart N

SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first submitting a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:030, Federally-enforceable permits for non-major sources.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

EP 6	Proof Press #1	Constructed 1981
EP 7	Proof Press #2	Constructed July, 1985
EP 12	Proof Press #3	Constructed Oct. 1, 1990
EP 18	Proof Press #4	Constructed July 29, 1991

Description: Presses used for testing newly etched rotogravure cylinders. Maximum utilization rate of 4 proofs per hour per press. Solvent based inks and solvent based clean up of cylinders following proof.

APPLICABLE REGULATIONS: None

1. **Operating Limitations:** None
2. **Emission Limitations:** See Section D for Source wide emission limitations.

Compliance Demonstration Method: See Section D

3. **Testing Requirements:** None
4. **Specific Monitoring Requirements:** The permittee shall monitor solvent usage for the purpose of demonstrating compliance with source wide emission limitations.
5. **Specific Recordkeeping Requirements:** The permittee shall keep records of all solvent containing materials used including all inks, extenders, additives and clean up solvents. The records shall contain the amount of each material used during each month and the VOC content of each material used. The VOC emitted is assumed to be equal to the VOC purchased and used during a given month. The VOC content of any ink remaining following a proof that is collected and shipped off-site for disposal may be subtracted from the total when calculating emissions provided that there is a record of the amount shipped off-site and the permittee knows the VOC content of the waste material thorough EPA test methods or a Division approved alternative.
6. **Specific Reporting Requirements:** None
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternate Operating Scenarios:** None

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Flexographic Plate Making

EP 14 Inline Processor, Dryer, and Light Finisher
EP 20 Rotary Processor, Dryer and Exposure Unit

Proposed modification June 2005
Proposed June 2005

Description: Photopolymer systems.

Control Equipment:

Solvent Recovery System, Progressive Recovery Inc., Model PV 100.
Centrifugal Separator, Sandborn Technologies, Model number SJ700

APPLICABLE REGULATIONS: None

1. **Operating Limitations:** None
2. **Emission Limitations:** See Section D for Source wide emission limitations.

Compliance Demonstration Method: See Section D

3. **Testing Requirements:** The permittee may use EPA Reference Method 24 to determine the VOC content of the reclaimed solvent sent off-site for disposal or recycling. See 5. **Specific Recordkeeping Requirements.**
4. **Specific Monitoring Requirements:** The permittee shall monitor solvent usage for the purpose of demonstrating compliance with source wide emission limitations.
5. **Specific Recordkeeping Requirements:** The permittee shall keep records of all solvent containing materials used during the month and the VOC content of each. IF some of the reclaimed solvent is shipping off-site for disposal or recycling, AND the permittee knows the VOC content of the reclaimed material thorough EPA test methods or a Division approved alternative, then the VOC content of the reclaimed material shipped off-site may be subtracted from the VOC purchased and used during the month when calculating emissions. Otherwise, the VOC emitted is assumed to be equal to the VOC purchased and used during a given month.
6. **Specific Reporting Requirements:** None
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternate Operating Scenarios:** None

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Rotogravure Cylinder Machining and Electro Plating

EP 2	Manual Dechrome Cleaning Station	Proposed July, 2005
EP 15	Electrolytic Cylinder Dechrome, Tank #1	October 1, 1990
EP 23	Electrolytic Cylinder Dechrome, Tank #2	Proposed June, 2005

Description: Acid Chrome removal

Control Equipment: In-line Vanaire assembled, nominal 24" x 24" x 4" thk, mesh pad mist eliminator, 1000 cfm, Tank #2 only.

EP 9	(2) Cylinder Cleaning Tanks	October 1, 1990
EP 22	Acid Copper Plating, Tank #1	Proposed July, 2005
EP 24	Acid Copper Plating, Tank #2	Proposed July, 2005
EP 25	Acid Copper Plating, Tank #3	October 1981
EP 26	Alkaline Copper Strike, Tank #4	Proposed October 2005
EP 27	Alkaline Copper Strike, Tank #5	Proposed October 2005

Description: Manual (non-solvent) cleaning and degreasing and copper plating
 Maximum amperage 5094 at full rectifier capacity
 Typical plating amperage 25-2600 amp load
 Maximum Cylinder Size, 11.5" dia. X 78" face length

Control Equipment: None

EP 3 & 4	(2) Finishing Stations	October 1981
	Correction Machine Re-etching	
	Correction Machine Preshipping	
---	Polish Master 1, 2, & 3 – Solvent cleaning cylinders	
---	Lathes 1 & 2 – Cleaning solvents and coolant usage	
---	Grinder 1 & 2 – Cleaning solvents and coolant usage	
---	Engravers 1, 2, 3, 4, 5, 6, 7, 8 & 9.	

Description: Lathes and grinders to remove old images and resize cylinders.
 Engravers for rotogravure print image making.

Control Equipment: None

EP 11A	Chrome Plating Tank 1	October 1, 1990
EP 11B	Chrome Plating Tank 2	July 29, 1991

Description: Each tank equipped with its own rectifier. One rated at 8000 amps, and the other at 4000 amps. Chrome plating is done at 3.1 amps per sq inch.

Control Equipment: Single Packed Bed Scrubber for both tanks. Martin Galvand Technik, Model T120/2.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Rotogravure Cylinder Machining and Electro Plating (Continued)

APPLICABLE REGULATIONS:

40 CFR 63, Subpart N—National Emission Standards for Chromium Emissions from Hard and decorative Chromium Electroplating and Chromium Anodizing Tanks

401 KAR 63:020, Potentially hazardous matter or toxic substances, applies to residual chromium emissions following application of MACT.

401 KAR 59:010, New process operations, is applicable to each affected facility or source, associated with process operations, which are not subject to another emission standard with respect to particulate emissions in Chapter 59, commenced on or after July 2, 1975.

Operating Scenario 1 – Packed Bed Scrubber

1. Operating Limitations:

§63.343(c)(2)(ii)

A. The packed bed scrubber shall be operated within ± 10 percent of the velocity pressure established during the initial performance test, and within ± 1 inch of water column of the pressure drop value established during the initial performance test, or shall be operated within the range of compliant values for the given parameters established during multiple performance tests, at any time during operation of the plating tanks.

B. See **Electro Plating – General Requirements**

2. Emission Limitations:

40 CFR 63 Subpart N, §63.342(c)(1)(i)

A. During tank operation, the owner or operator source shall control chromium emissions discharged to the atmosphere from that affected source by not allowing the concentration of total chromium in the exhaust gas stream discharged to the atmosphere to exceed 0.015 milligrams of total chromium per dry standard cubic meter (mg/dscm) of ventilation air (6.6×10^{-6} grains per dry standard cubic foot [gr/dscf]).

Compliance Demonstration Method

The affected source shall be considered to meet this limit if operated according to the conditions set forth in **1. Operating Limitations** (A) above. To demonstrate compliance the permittee must perform Monitoring and Recordkeeping in accordance with items **4. Specific Monitoring Requirements** and **5. Specific Recordkeeping Requirements** respectively.

401 KAR 63:020

B. No owner or operator shall allow any affected facility to emit potentially hazardous matter or toxic substances in such quantities or duration as to be harmful to the health and welfare of humans, animals and plants.

Compliance Demonstration Method

See **Electro Plating – General Requirements**

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Rotogravure Cylinder Machining and Electro Plating (Continued)

Operating Scenario 1 – Packed Bed Scrubber (Continued)

2. Emission Limitations: (continued)

C. 401 KAR 59:010

1. Section 3(1)(a) limits visible emissions from each stack to less than 20% opacity.
2. Section 3(2) limits emissions of particulate matter to 2.34 lbs/hr.

Compliance Demonstration Method

Compliance with 40 CFR 63, Subpart N is sufficient to show compliance with 59:010.

3. Testing Requirements:

A. See Electro Plating – General Requirements

§ 63.343(c)(2)(i)

B. During the initial performance test, the owner or operator of an affected source, complying with the emission limitations in § 63.342 through the use of a packed bed scrubber system shall determine the outlet chromium concentration using the test methods and procedures in § 63.344(c), and shall establish as a site-specific operating parameter the pressure drop across the system and the velocity pressure at the common inlet of the control device, setting the value that corresponds to compliance with the applicable emission limitation, using the procedures in § 63.344(d)(4) and (5).

C. An owner or operator may conduct multiple performance tests to establish a range of compliant operating parameter values, or may set as the compliant value the average pressure drop and inlet velocity pressure measured over the three test runs of one performance test and accept ± 1 inch of water column from the pressure drop value and ± 10 percent from the velocity pressure value as the compliant range.

4. Specific Monitoring Requirements:

Packed Bed Scrubber (PBS) System, TABLE 1 TO § 63.342

A. Once per calendar quarter the permittee shall;

1. Visually inspect device to ensure there is proper drainage, no chronic acid buildup on the packed beds, and no evidence of chemical attack on the structural integrity of the device.
2. Visually inspect back portion of the chevron blade mist eliminator to ensure that it is dry and there is no breakthrough of chromic acid mist.
3. Visually inspect ductwork from tank to the control device to ensure there are no leaks.

B. The permittee shall add fresh makeup water to the top of the packed bed as needed.

§ 63.343(c)(2)(ii)

C. The permittee shall monitor and record the velocity pressure at the inlet to the packed-bed scrubber and the pressure drop across the scrubber system once each day that any affected source is operating.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Rotogravure Cylinder Machining and Electro Plating (Continued)

Operating Scenario 1 – Packed Bed Scrubber (Continued)

5. Specific Recordkeeping Requirements:

- A. Records of monitoring data required by **4. Specific Monitoring Requirements** that are used to demonstrate compliance with 40 CFR63 Subpart N, including the date and time the data are collected;
- B. The total process operating time of the affected source during the reporting period. The total time operated according to each operating scenario including the date and time when each change of operation occurred.
- C. See **Electro Plating – General Requirements**

6. Specific Reporting Requirements:

See **Electro Plating – General Requirements**

7. Specific Control Equipment Operating Conditions:

§63.344(d)(5)

The owner or operator of a source required to measure the pressure drop across the add-on air pollution control device in accordance with § 63.343(c) (1) through (4) may establish the pressure drop in accordance with the following guidelines:

- A. Pressure taps shall be installed at any of the following locations:
 - 1. At the inlet and outlet of the control system. The inlet tap should be installed in the ductwork just prior to the control device and the corresponding outlet pressure tap should be installed on the outlet side of the control device prior to the blower or on the downstream side of the blower;
 - 2. On each side of the packed bed within the control system or on each side of each mesh pad within the control system; or
 - 3. On the front side of the first mesh pad and backside of the last mesh pad within the control system.
- B. Pressure taps shall be sited at locations that are:
 - 1. free from pluggage as possible and away from any flow disturbances such as cyclonic demisters; and
 - 2. situated such that no air infiltration at the measurement site will occur that could bias the measurement.
- C. Pressure taps shall be constructed of either polyethylene, polybutylene, or other nonreactive materials.
- D. Nonreactive plastic tubing shall be used to connect the pressure taps to the device used to measure pressure drop.
- E. Any of the following pressure gauges can be used to monitor pressure drop: a magnehelic gauge, an inclined manometer, or a “U” tube manometer.
- F. Prior to connecting any pressure lines to the pressure gauge(s), each gauge should be zeroed. No calibration of the pressure gauges is required.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Rotogravure Cylinder Machining and Electro Plating (Continued)

Operating Scenario 2 – Chemical Fume Suppressants

1. Operating Limitations:

§63.342(d)(2)

- A. If a chemical fume suppressant containing a wetting agent is used, the surface tension of the electroplating or anodizing bath contained within the affected source shall not exceed 45 dynes per centimeter (dynes/cm) as measured with a stalagmometer, or 35 dynes/cm as measured with a tensiometer, at any time during operation of the tank.

- B. See **Electro Plating – General Requirements**

2. Emission Limitations:

40 CFR 63 Subpart N, §63.342(d)(1)

- A. During tank operation, the owner or operator source shall control chromium emissions discharged to the atmosphere from that affected source by not allowing the concentration of total chromium in the exhaust gas stream discharged to the atmosphere to exceed 0.015 milligrams of total chromium per dry standard cubic meter (mg/dscm) of ventilation air (6.6×10^{-6} grains per dry standard cubic foot [gr/dscf]).

Compliance Demonstration Method

The affected source shall be considered to meet this limit if operated according to the conditions set forth in **1. Operating Limitations** (A) above. To demonstrate compliance the permittee must perform Monitoring and Recordkeeping in accordance with items **4. Specific Monitoring Requirements** and **5. Specific Recordkeeping Requirements** respectively.

401 KAR 63:020

- B. No owner or operator shall allow any affected facility to emit potentially hazardous matter or toxic substances in such quantities or duration as to be harmful to the health and welfare of humans, animals and plants.

Compliance Demonstration Method

See **Electro Plating – General Requirements**

401 KAR 59:010

- C. 401 KAR 59:010

- (1) Section 3(1)(a) limits visible emissions from each stack to less than 20% opacity.
(2) Section 3(2) limits emissions of particulate matter to 2.34 lbs/hr.

Compliance Demonstration Method

Compliance with 40 CFR 63, Subpart N is sufficient to show compliance with 59:010.

3. Testing Requirements:

See **Electro Plating – General Requirements**

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Rotogravure Cylinder Machining and Electro Plating (Continued)

Operating Scenario 2 – Chemical Fume Suppressants (Continued)

4. Specific Monitoring Requirements:

Monitoring Schedule, Plating Tank: §63.343(c)(5)(ii)

- A. Initially the surface tension shall be measured once every 4 hours during operation of the tank with a stalagmometer or a tensiometer as specified in Method 306B, Appendix A of 40 CFR63 Subpart N.
- B. The time between monitoring can be increased if there have been no exceedances. The surface tension shall be measured once every 4 hours of tank operation for the first 40 hours of tank operation after initial startup. Once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every 8 hours of tank operation. Once there are no exceedances during another 40 hours of tank operation, surface tension measurement may be conducted once every 40 hours of tank operation on an ongoing basis, until an exceedance occurs. The minimum frequency of monitoring allowed is once every 40 hours of tank operation.
- C. Once an exceedance occurs as indicated through surface tension monitoring, the original monitoring schedule of once every 4 hours must be resumed. A subsequent decrease in frequency shall follow the schedule laid out in (B) above.

5. Specific Recordkeeping Requirements:

- A. Records of monitoring data required by **4. Specific Monitoring Requirements** that are use to demonstrate compliance with 40 CFR63 Subpart N, including the date and time the data are collected;
- B. The total process operating time of the affected source during the reporting period. The total time operated according to each operating scenario including the date and time when each change of operation occurred.
- C. Records of the date and time that fume suppressants are added to the electroplating or anodizing bath;
- D. See **Electro Plating – General Requirements**

6. Specific Reporting Requirements:

See **Electro Plating – General Requirements**

7. Specific Control Equipment Operating Conditions: None

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Electro Plating – General Requirements

1. Operating Limitations:

§63.342(f)(1)

A. Work practice standards:

1. At all times, including periods of startup, shutdown, and malfunction, the permittee shall operate and maintain any affected source, including associated air pollution control devices and monitoring equipment, in a manner consistent with good air pollution control practices, consistent with the operation and maintenance plan described in 5(A) of this section.
2. Malfunctions shall be corrected as soon as practicable after their occurrence in accordance with the operation and maintenance plan required by paragraph 3 of §63.342(f).

§63.343(c)

B. The owner or operator of an affected source subject to the emission limitations of this subpart shall conduct monitoring according to the type of air pollution control technique that is used to comply with the emission limitation.

2. Emission Limitations:

40 CFR 63 Subpart N, §63.342(c)(1)(i)

A. During tank operation, the owner or operator source shall control chromium emissions discharged to the atmosphere from that affected source by not allowing the concentration of total chromium in the exhaust gas stream discharged to the atmosphere to exceed 0.015 milligrams of total chromium per dry standard cubic meter (mg/dscm) of ventilation air (6.6×10^{-6} grains per dry standard cubic foot [gr/dscf]).

Compliance Demonstration Method

Specific for each control methodology. See under **Operating Scenario 1** or **Operating Scenario 2** as appropriate.

401 KAR 63:020

B. No owner or operator shall allow any affected facility to emit potentially hazardous matter or toxic substances in such quantities or duration as to be harmful to the health and welfare of humans, animals and plants.

Compliance Demonstration Method

See **3. Testing Requirements** (D).

C. 401 KAR 59:010

1. Section 3(1)(a) limits visible emissions from each stack to less than 20% opacity.
2. Section 3(2) limits emissions of particulate matter to 2.34 lbs/hr.

Compliance Demonstration Method

Compliance with 40 CFR 63, Subpart N is sufficient to show compliance with 59:010.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**Electro Plating – General Requirements****3. Testing Requirements:**

§ 63.343(b)

- A. Within 180 days of the issuance of this final permit, the owner or operator is required to conduct an initial performance test as required under § 63.7, using the procedures and test methods listed in § 63.7 and § 63.344.
- B. Pursuant to Section VII 2(1) of the policy manual of the Division for Air Quality as reference by 401 KAR 50:016, Section 1. (1), the permittee shall submit a compliance test protocol at least one month prior to the projected test date.
- C. Pursuant to 401 KAR 50:045, Section 5, the Division shall be notified of the actual test date at least ten (10) days prior to the test.

401 KAR 63:020

- D. Within 90 days following the performance test, the permittee shall use the results from the performance test in conjunction with a Division approved dispersion modeling program, (Screen3, ISCST3, Aermid) to show compliance with 63:020. The permittee must demonstrate compliance with both operating scenarios. If modeling indicates the Electro Plating operation is not in compliance with 63:020, either using the scrubber for control or chemical fume suppressants as a control method, then the permittee shall not be allowed to operate according to that scenario.

4. Specific Monitoring Requirements: None**5. Specific Recordkeeping Requirements:
Operation and maintenance plan**

- A. The permittee shall prepare an operation and maintenance plan to be implemented within 60 days of issuance of this permit. The plan shall include the following elements:
 - 1. §63.342(f)(3)(i)(A) The plan shall specify the operation and maintenance criteria for the affected source, the add-on air pollution control device, and the process and control system monitoring equipment, and shall include a standardized checklist to document the operation and maintenance of this equipment;
 - 2. §63.342(f)(3)(i)(B) The plan shall incorporate the work practice standards for (each) add-on air pollution control device or monitoring equipment, as identified in Table 1 of §63.342;
 - 3. §63.342(f)(3)(i)(D) The plan shall specify procedures to be followed to ensure that equipment or process malfunctions due to poor maintenance or other preventable conditions do not occur; and,
 - 4. §63.342(f)(3)(i)(E) The plan shall include a systematic procedure for identifying malfunctions of process equipment, add-on air pollution control devices, and process and control system monitoring equipment and for implementing corrective actions to address such malfunctions.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**Electro Plating – General Requirements****5. Specific Recordkeeping Requirements:****Operation and maintenance plan (continued)**

- B. §63.342(f)(3)(ii) If the operation and maintenance plan fails to address or inadequately addresses an event that meets the characteristics of a malfunction at the time the plan is initially developed, the owner or operator shall revise the operation and maintenance plan **within 45 days** after such an event occurs. The revised plan shall include procedures for operating and maintaining the process equipment, add-on air pollution control device, or monitoring equipment during similar malfunction events, and a program for corrective action for such events.
- C. If actions taken by the permittee during periods of malfunction are inconsistent with the procedures specified in the operation and maintenance plan, the permittee shall record the actions taken for that event and shall report by phone such actions **within 2 working days** after commencing actions inconsistent with the plan. This report shall be followed by a letter **within 7 working days** after the end of the event, unless the permittee makes alternative reporting arrangements, in advance, with the Division.
- D. To satisfy the requirements to provide an operating and maintenance plan, the permittee may use applicable standard operating procedure (SOP) manuals, Occupational Safety and Health Administration (OSHA) plans, or other existing plans, provided the alternative plans meet the requirements of this section.
- E. §63.342(f)(2)(i) Determination of whether acceptable operation and maintenance procedures are being used will be based on information available to the Division, which may include, but is not limited to, monitoring results; review of the operation and maintenance plan, procedures, and records; and inspection of the source.
- F. §63.342(f)(2)(ii) Based on the results of a determination made under paragraph (f)(2)(i) of §63.342, the Division may require that the permittee make changes to the operation and maintenance plan. Revisions may be required if the Division finds that the plan:
 - 1. Does not address a malfunction that has occurred;
 - 2. Fails to provide for the operation of the affected source, the air pollution control techniques, or the control system and process monitoring equipment during a malfunction in a manner consistent with good air pollution control practices; or
 - 3. Does not provide adequate procedures for correcting malfunctioning process equipment, air pollution control techniques, or monitoring equipment as quickly as practicable.
- G. The permittee shall keep the written operation and maintenance plan on record after it is developed to be made available for inspection, upon request, by the Division for the life of the affected source or until the source is no longer subject to the provisions of Chapter 63, Subpart N. In addition, if the operation and maintenance plan is revised, the permittee shall keep previous (i.e. superseded) versions of the operation and maintenance plan on record to be made available for inspection, upon request, by the Division for a period of 5 years after each revision to the plan.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**Electro Plating – General Requirements****5. Specific Recordkeeping Requirements:
Operation and maintenance plan (continued)****H. Additional Records: §63.346(b)**

1. Inspection records for the add-on air pollution control device, if such a device is used, and monitoring equipment, to document that the inspection and maintenance required by the work practice standards of § 63.342(f) and Table 1 of § 63.342 have taken place. The record can take the form of a checklist and should identify the device inspected, the date of inspection, a brief description of the working condition of the device during the inspection, and any actions taken to correct deficiencies found during the inspection.
2. Records of all maintenance performed on the affected source, the add-on air pollution control device, and monitoring equipment;
3. Records of the occurrence, duration, and cause (if known) of each malfunction of process, add-on air pollution control, and monitoring equipment;
4. Records of actions taken during periods of malfunction when such actions are inconsistent with the operation and maintenance plan;
5. Other records, which may take the form of checklists, necessary to demonstrate consistency with the provisions of the operation and maintenance plan required by § 63.342(f)(3);
6. Test reports documenting results of all performance tests;
7. All measurements as may be necessary to determine the conditions of performance tests;
8. Records of monitoring data required by **4. Specific Monitoring Requirements** that are used to demonstrate compliance with 40 CFR63 Subpart N, including the date and time the data are collected;
9. The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during malfunction of the process, add-on air pollution control, or monitoring equipment;
10. The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during periods other than malfunction of the process, add-on air pollution control, or monitoring equipment;
11. The total process operating time of the affected source during the reporting period;
12. All documentation supporting the notifications and reports required by § 63.9, § 63.10, and § 63.347.
13. All records shall be maintained for a period of 5 years in accordance with § 63.10(b)(1).
14. Documentation supporting the notifications and reports required by Part 6. **Specific Reporting Requirements.**

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**Electro Plating – General Requirements****6. Specific Reporting Requirements:**

§63.347

A. Methods of Reporting:

Reports may be sent by U.S. mail, fax, another courier, or, if acceptable to both the permittee and the Division, by electronic media.

1. Submittals sent by U.S. mail shall be postmarked on or before the specified date.
2. Submittals sent by other methods shall be received by the Division on or before the specified date.

B. Ongoing Compliance Status Reports:

The permittee shall prepare a summary report to document the ongoing compliance status of the affected source.

1. The report shall be completed **semiannually** and submitted to the Division along with the 6-month reporting required in **Section F.5** unless;
2. The Division determines that more frequent reporting is necessary to accurately assess the compliance status of the source; or
3. The monitoring data shows that the emission limit has been exceeded, in which case quarterly reports shall be submitted.
4. Once an exceedance occurs, ongoing compliance status reports shall be submitted quarterly until a request to reduce reporting frequency under paragraph (g)(2) of §63.347 is approved.
5. A permittee currently required to submit ongoing compliance status reports on a quarterly, or more frequent basis, may reduce the frequency of reporting to semiannual if all of the following conditions are met:
 - a) For 1 full year, the ongoing compliance status reports demonstrate that the affected source is in compliance with the relevant emission limit;
 - b) The permittee continues to comply with all applicable recordkeeping and monitoring requirements;
 - c) The Division does not object to a reduced reporting frequency for the affected source.
 - d) Procedures for reducing frequency and submittals of reports can be found in paragraphs §63.347 (g)(2)(ii) and (iii).

Contents of Ongoing Compliance Status Reports:

- (1) The company name and address of the affected source;
- (2) The beginning and ending dates of the reporting period;
- (3) A description of the type of process performed in the affected source;
- (4) The relevant emission limitation for the affected source, and identification of the operating parameter that is monitored for compliance determination
- (5) The specific operating parameter value, or range of values, that corresponds to compliance with the applicable emission limit;
- (6) The total operating time of the affected source during the reporting period;

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Electro Plating – General Requirements

6. Specific Reporting Requirements (continued):

Contents of Ongoing Compliance Status Reports (continued):

- (7) A summary of operating parameter values, including the total duration of excess emissions during the reporting period as indicated by those values, the total duration of excess emissions expressed as a percent of the total source operating time during that reporting period, and a breakdown of the total duration of excess emissions during the reporting period into those that are due to process upsets, control equipment malfunctions, other known causes, and unknown causes;
- (8) A certification by a responsible official, as defined in §63.2, that the work practice standards in §63.342(f) were followed in accordance with the operation and maintenance plan for the source;
- (9) If the operation and maintenance plan required by §63.342(f)(3) was not followed, an explanation of the reasons for not following the provisions, an assessment of whether any excess emission and/or parameter monitoring exceedances are believed to have occurred, and a copy of the report required by §63.342(f)(3)(iv) documenting that the operation and maintenance plan was not followed;
- (10) A description of any changes in monitoring, processes, or controls since the last reporting period;
- (11) The name, title, and signature of the responsible official who is certifying the accuracy of the report; and
- (12) The date of the report

7. Specific Control Equipment Operating Conditions: None

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:030, Section 6. While these activities are designated as insignificant the permittee must comply with the applicable regulation and some minimal level of periodic monitoring may be necessary.

	<u>Description</u>	<u>Generally Applicable Regulation</u>
1.	Boiler 840,000 Btu/hr, N.G. fired Installed Aug, 1981	N/A
2.	Space Heater 140,000 Btu/hr, N.G. fired Installed Aug, 1981	N/A
3.	Space Heater 225,000 Btu/hr, N.G. fired Installed Aug, 1981	N/A
4.	Space Heater 15,000 Btu/hr, N.G. fired Installed Aug, 1981	N/A
5.	Space Heater 250,000 Btu/hr, N.G. fired Installed Aug, 1981	N/A
6.	Water Heater 199,000 Btu/hr, N.G. fired Installed Aug, 1981	N/A
7.	Film processor, EP17 Installed October 1, 1990	N/A

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

1. As required by Section 1b of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10, compliance with annual emissions and processing limitations contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.
2. VOC emissions, as measured by methods referenced in 401 KAR 50:015, Section 1, shall not exceed the respective limitations specified herein.

3. **Emission Limitations:**

Sourcewide emissions of VOCs shall not exceed 50 tons for any twelve (12) consecutive months.

Compliance demonstration method for VOC:

Monthly sourcewide VOC emissions = Σ VOC emissions from proof printing
+ Σ VOC emissions from flexographic platemaking
+ Σ VOC emissions from misc. operations

When the total VOC emissions from the given month are added to the previous eleven (11) month totals, the new 12-month rolling total shall not exceed 50 tons.

4. **Recordkeeping:**

The permittee shall keep monthly records showing the amount of each VOC containing material used and a summary of the total amount of VOC emitted during the month. New, 12 month rolling totals representing the most recent year shall also be calculated and recorded. These records shall show compliance with the Conditional Major limitations listed in this permit.

5. **Reporting:**

The permittee shall submit a **semiannual** report to the Division's Florence Regional Office which shows the total amount of each VOC containing material used at the source. The report shall contain a monthly summary of VOCs emitted from these materials, as well as a rolling 12 month total for each pollutant. Sample calculations shall be included. This semiannual report shall be submitted with the semiannual reporting required in **Section F.5 & F.6**, and the annual compliance certification required in **Section F.9**.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

1. Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

1. Pursuant to Section 1b (IV)(1) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10, when continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
 - a. Date, place (as defined in this permit), and time of sampling or measurements;
 - b. Analyses performance dates;
 - c. Company or entity that performed analyses;
 - d. Analytical techniques or methods used;
 - e. Analyses results; and
 - f. Operating conditions during time of sampling or measurement.
2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality [401 KAR 52:030 Section 3(1)(f)1a and Section 1a (7) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
3. In accordance with the requirements of 401 KAR 52:030 Section 3(1)f the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
 - a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
 - b. To access and copy any records required by the permit;
 - c. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency.
4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
5. Summary reports of any monitoring required by this permit, other than continuous emission or opacity monitors, shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

6. The semi-annual reports are due by January 30th and July 30th of each year. All reports shall be certified by a responsible official pursuant to 401 KAR 52:030 Section 22. All deviations from permit requirements shall be clearly identified in the reports.
7. In accordance with the provisions of 401KAR 50:055, Section 1 the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
 - a. When emissions during any planned shutdowns and ensuing startups will exceed the standards notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
 - b. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards notification shall be made as promptly as possible by telephone (or other electronic media) and shall submit written notice upon request.
8. The owner or operator shall report emission related exceedances from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Section F.7 above) to the Regional Office listed on the front of this permit within 30 days. Other deviations from permit requirements shall be included in the semiannual report required by Section F.5 [Section 1b V(3) and (4) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
9. Pursuant to 401KAR 52:030, Section 21, the permittee shall annually certify compliance with the terms and conditions contained in this permit by completing and returning a Compliance Certification Form (DEP 7007CC) (or an alternative approved by the regional office) to the Regional Office listed on the front of this permit in accordance with the following requirements:
 - a. Identification of each term or condition;
 - b. Compliance status of each term or condition of the permit;
 - c. Whether compliance was continuous or intermittent;
 - d. The method used for determining the compliance status for the source, currently and over the reporting period.
 - e. For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

- f. The certification shall be postmarked by January 30th of each year. **Annual compliance certifications should be mailed to the following addresses:**

Division for Air Quality
Florence Regional Office
8020 Veterans Memorial Dr.
Florence, KY 41042

Division for Air Quality
Central Files
803 Schenkel Lane
Frankfort, KY 40601

10. In accordance with 401KAR 52:030, Section 3(1)(d), the permittee shall provide the Division with all information necessary to determine its subject emissions within thirty (30) days of the date the KEIS emission survey is mailed to the permittee. If a KYEIS emission report is not mailed to the permittee, comply with all other emission reporting requirements in this permit.
11. Pursuant to Section VII (3) of the policy manual of the Division for Air Quality as referenced in 401 KAR 50:016, Section 1(1), results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days after the completion of the fieldwork..
12. The Cabinet may authorize the temporary use of an emission unit to replace a similar unit that is taken off-line for maintenance, if the following conditions are met:
- a. The owner or operator shall submit to the Cabinet, at least ten (10) days in advance of replacing a unit, the appropriate Forms DEP7007AI to DD that show:
 - i. The size and location of both the original and replacement units; and
 - ii. Any resulting change in emissions;
 - b. The PTE of the replacement unit shall not exceed that of the original unit by more than twenty-five (25) percent of a major source threshold, and the emissions from the unit shall not cause the source to exceed the emissions allowable under the permit;
 - c. The PTE of the replacement unit or the resulting PTE of the source shall not subject the source to a new applicable requirement;
 - d. The replacement unit shall comply with all applicable requirements; and
 - e. The source shall notify Regional office of all shutdowns and start-ups.
 - f. Within six (6) months after installing the replacement unit, the owner or operator shall:
 - i. Re-install the original unit and remove or dismantle the replacement unit; or
 - ii. Submit an application to permit the replacement unit as a permanent change.

SECTION G - GENERAL PROVISIONS

(a) General Compliance Requirements

1. The permittee shall comply with all conditions of this permit. A noncompliance shall be a violation of 401 KAR 52:030 Section 3(1)(b) and is also a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act). Noncompliance with this permit is grounds for enforcement action including but not limited to the termination, revocation and reissuance, revision, or denial of a permit [Section 1a (2) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
2. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition [Section 1a (5) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
3. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:030 Section 18. The permit will be reopened for cause and revised accordingly under the following circumstances:
 - a. If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:030 Section 12;
 - b. The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
 - c. The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
4. Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.
5. The permittee shall furnish information upon request of the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or compliance with the conditions of this permit [Sections 1a (6) and (7) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

SECTION G - GENERAL PROVISIONS (CONTINUED)

6. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority [401 KAR 52:030 Section 7(1)].
7. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a (11) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
8. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a (3) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
9. Except for requirements identified in this permit as state-origin requirements, all terms and conditions shall be enforceable by the United States Environmental Protection Agency and citizens of the United States [Section 1a (12)(b) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
10. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038 Section 3(6) [Section 1a (9) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
11. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:030 Section 11(3)].
12. This permit does not convey property rights or exclusive privileges [Section 1a (8) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
13. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Natural Resources and Environmental Protection or any other federal, state, or local agency.
14. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry.
15. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders.

SECTION G - GENERAL PROVISIONS (CONTINUED)

16. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic minor source preconstruction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source.
17. Permit Shield – A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with:
 - a. Applicable requirements that are included and specifically identified in this permit; and
 - b. Non-applicable requirements expressly identified in this permit.
18. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the Division [401 KAR 52:030 Section 3(1)(c)].
19. The authority to operate granted through this permit shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets [401 KAR 52:030 Section 8(2)].

(b) Permit Expiration and Reapplication Requirements

This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division [401 KAR 52:030 Section 12].

(c) Permit Revisions

1. Minor permit revision procedures specified in 401 KAR 52:030 Section 14 (3) may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of 401 KAR 52:030 Section 14 (2).
2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.

SECTION G - GENERAL PROVISIONS (CONTINUED)

- (d) Construction, Start-Up, and Initial Compliance Demonstration Requirements
- EP 20 Rotary Processor, Dryer and Exposure Unit & Centrifugal Separator**
 - EP 2 Manual Dechrome Cleaning Station**
 - EP 23 Electrolytic Cylinder Dechrome, Tank #2**
 - EP 22 Acid Copper Plating, Tank #1**
 - EP 24 Acid Copper Plating, Tank #2**
 - EP 26 Alkaline Copper Strike, Tank #4**
 - EP 27 Alkaline Copper Strike, Tank #5**
1. Construction of any process and/or air pollution control equipment authorized by this permit shall be conducted and completed only in compliance with the conditions of this permit.
 2. Within thirty (30) days following commencement of construction and within fifteen (15) days following start-up and attainment of the maximum production rate specified in the permit application, or within fifteen (15) days following the issuance date of this permit, whichever is later, the permittee shall furnish to the Regional Office listed on the front of this permit in writing, with a copy to the Division's Frankfort Central Office, notification of the following:
 - a. The date when construction commenced.
 - b. The date of start-up of the affected facilities listed in this permit.
 - c. The date when the maximum production rate specified in the permit application was achieved.
 3. Pursuant to 401 KAR 52:030, Section 3(2), unless construction is commenced within eighteen (18) months after the permit is issued, or begins but is discontinued for a period of eighteen (18) months or is not completed within a reasonable timeframe then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Upon written request, the Cabinet may extend these time periods if the source shows good cause.
 4. For those affected facilities for which construction is authorized by this permit, a source shall be allowed to construct with the draft permit. Operational or final permit approval is not granted by this permit until compliance with the applicable standards specified herein has been demonstrated pursuant to 401 KAR 50:055. If compliance is not demonstrated within the prescribed timeframe provided in 401 KAR 50:055, the source shall operate thereafter only for the purpose of demonstrating compliance, unless otherwise authorized by Section I of this permit or order of the Cabinet.
 5. This permit shall allow time for the initial start-up, operation, and compliance demonstration of the affected facilities listed herein. However, within sixty (60) days after achieving the maximum production rate at which the affected facilities will be operated but not later than 180 days after initial start-up of such facilities, the permittee shall conduct a performance demonstration on the affected facilities in accordance with 401 KAR 50:055, General compliance requirements.
 6. Terms and conditions in this permit established pursuant to the construction authority of 401 KAR 51:017 or 401 KAR 51:052 shall not expire.

SECTION G - GENERAL PROVISIONS (CONTINUED)

(e) Acid Rain Program Requirements

1. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

(f) Emergency Provisions

1. Pursuant to 401 KAR 52:030 Section 23(1), an emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
 - a. An emergency occurred and the permittee can identify the cause of the emergency;
 - b. The permitted facility was at the time being properly operated;
 - c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and,
 - d. The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two (2) working days of the time when emission limitations were exceeded due to an emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken.
2. Notification of the Division does not relieve the source of any other local, state or federal notification requirements.
3. Emergency conditions listed in General Provision G(f)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:030 Section 23(3)].
4. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof[401 KAR 52:030 Section 23(2)].

(g) Risk Management Provisions

1. The permittee shall comply with all applicable requirements of 401 KAR Chapter 68, Chemical Accident Prevention, which incorporates by reference 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:

RMP Reporting Center
P.O. Box 3346
Merrifield, VA, 22116-3346

2. If requested, submit additional relevant information to the Division or the U.S. EPA.

SECTION G - GENERAL PROVISIONS (CONTINUED)

(h) Ozone depleting substances

1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
 - a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
 - c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166.
 - e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
 - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, *Servicing of Motor Vehicle Air Conditioners*.

SECTION H - ALTERNATE OPERATING SCENARIOS

None

SECTION I - COMPLIANCE SCHEDULE

None